

DO [REDACTED] BCM94-01A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Parallel Primer Extension Approach to Nucleic Acid

Sequence Analysis

the specification of which (check one)

[] is attached hereto.

[] is attached hereto.

[x] was filed on 22 June 1994 as United States Application

DCT/US94/07086

was filed on 22 June 1994
Number of PCT International Application Serial No. PCT/US94/07086
(U.S.S.N. 08/564,100)
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed
<u>SE9302152-5</u> (Number)	<u>Sweden</u> (Country)	<u>22 June 1993</u> (Day/Month/Year filed)	[]
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year filed)	[]
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year filed)	[]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)
--------------------------	---------------	--

(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)
--------------------------	---------------	--

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

David E. Brook	Reg. No. 22,592	Thomas O. Hoover	Reg. No. 32,470
James M. Smith	Reg. No. 28,043	Alice O. Carroll	Reg. No. 33,542
Leo R. Reynolds	Reg. No. 20,884	N. Scott Pierce	Reg. No. 34,900
Patricia Granahan	Reg. No. 32,227	Richard A. Wise	Reg. No. 18,041
Mary Lou Wakimura	Reg. No. 31,804	Elizabeth W. Mata	Reg. No. 38,236

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

and

Send correspondence to: Leo R. Reynolds, Esq.
Hamilton, Brook, Smith & Reynolds, P.C.
Two Militia Drive, Lexington, MA 02173

Direct telephone calls to: Leo R. Reynolds, Esq.
617-861-6240 Fax: 617-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor C. Thomas Caskey

Inventor's

Signature _____ Date _____

Residence 6402 Belmont
Houston, Texas 77005

Citizenship US

Post Office Address same

Full name of second joint

inventor, if any John Shumaker

Second Inventor's

Signature _____ Date _____

Residence 719 Pizer

Houston, Texas 77009

Citizenship US

Post Office Address same

Full name of third joint

inventor, if any Andres Metspalu

Third Inventor's

Signature Andrus M. H. H. H. Date 02/19/1996

Residence 4-33 Kaunase Street

Tartu 2400 Estonia

Citizenship Estonia

Post Office Address same

Full name of fourth joint

inventor, if any.

Fourth Inventor's

Signature _____ Date _____

Residence

Citizenship

Post Office Address

Full name of fifth joint

inventor, if any.

Fifth Inventor's

Signature _____ Date _____

Residence

Citizenship

Post Office Address

Declaration for Patent Application

My residence, post office address and citizenship are as stated next to my name;

Parallel Primer Extension Approach to Nucleic Acid

the specification of which (check one)

[] is attached hereto.
[X] was filed on 22 June 1994 as United States Application
PCT/US94/07086

was filed on 22 June 1994
Number of PCT International Application Serial No. PCT/US94/07086
(U.S.S.N. 08/564,100)
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority
Not
Claimed

<u>SE9302152-5</u>	<u>Sweden</u>	<u>22 June 1993</u>	[]
(Number)	(Country)	(Day/Month/Year filed)	
<u> </u>	<u> </u>	<u> </u>	[]
(Number)	(Country)	(Day/Month/Year filed)	
<u> </u>	<u> </u>	<u> </u>	[]
(Number)	(Country)	(Day/Month/Year filed)	

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)

(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

David E. Brook	Reg. No. 22,592	Thomas O. Hoover	Reg. No. 32,470
James M. Smith	Reg. No. 28,043	Alice O. Carroll	Reg. No. 33,542
Leo R. Reynolds	Reg. No. 20,884	N. Scott Pierce	Reg. No. 34,900
Patricia Granahan	Reg. No. 32,227	Richard A. Wise	Reg. No. 18,041
Mary Lou Wakimura	Reg. No. 31,804	Elizabeth W. Mata	Reg. No. 38,236

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

and

Send correspondence to: Leo R. Reynolds, Esq.
Hamilton, Brook, Smith & Reynolds, P.C.
Two Militia Drive, Lexington, MA 02173

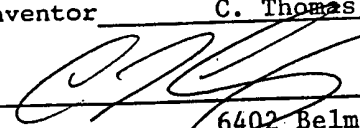
Direct telephone calls to: Leo R. Reynolds, Esq.
617-861-6240 Fax: 617-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor C. Thomas Caskey

Inventor's

Signature 

Date 2/10/96

Residence

6402 Belmont

Houston, Texas 77005

Citizenship

US

Post Office Address

same

Full name of second joint

inventor, if any John Shumaker

Second Inventor's

Signature _____ Date _____

Residence 719 Pizer

Houston, Texas 77009

Citizenship US

Post Office Address same

Full name of third joint

inventor, if any Andres Metspalu

Third Inventor's

Signature _____ Date _____

Residence 4-33 Kaunase Street

Tartu 2400 Estonia

Citizenship Estonia

Post Office Address same

Full name of fourth joint

inventor, if any _____

Fourth Inventor's

Signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of fifth joint

inventor, if any _____

Fifth Inventor's

Signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____

COPY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Parallel Primer Extension Approach to Nucleic Acid

Sequence Analysis

the specification of which (check one)

[] is attached hereto.

[X] was filed on 22 June 1994 as United States Application

Number or PCT International Application Serial No. PCT/US94/07086
(U.S.S.N. 08/564,100) (if applicable).
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is known by me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign Application(s)</u>			Priority Not Claimed
<u>SE9302152-5</u> (Number)	<u>Sweden</u> (Country)	<u>22 June 1993</u> (Day/Month/Year filed)	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]
_____ (Number)	_____ (Country)	_____ (Day/Month/Year filed)	[]

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

DOCKET 1 : BCM94-01A

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)
--------------------------	---------------	--

(Application Serial No.)	(Filing date)	(Status, patented, pending, abandoned)
--------------------------	---------------	--

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states:

David E. Brook	Reg. No. 22,592	Thomas O. Hoover	Reg. No. 32,470
James M. Smith	Reg. No. 28,043	Alice O. Carroll	Reg. No. 33,542
Leo R. Reynolds	Reg. No. 20,884	N. Scott Pierce	Reg. No. 34,900
Patricia Granahan	Reg. No. 32,227	Richard A. Wise	Reg. No. 18,041
Mary Lou Wakimura	Reg. No. 31,804	Elizabeth W. Mata	Reg. No. 38,236

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

and

Send correspondence to: Leo R. Reynolds, Esq.
Hamilton, Brook, Smith & Reynolds, P.C.
Two Militia Drive, Lexington, MA 02173

Direct telephone calls to: Leo R. Reynolds, Esq.
617-861-6240 Fax: 617-861-9540

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole

or first inventor C. Thomas Caskey

Inventor's

Signature _____ Date _____

Residence 6402 Belmont

Houston, Texas 77005

Citizenship US

Post Office Address same

Full name of second joint

inventor, if any John Shumaker

Second Inventor's

Signature John M Shumaker Date 2 Feb 1996

Residence 719 Pizer

Houston, Texas 77009

Citizenship US

Post Office Address same

Full name of third joint

inventor, if any Andres Metspalu

Third Inventor's

Signature _____ Date _____

Residence 4-33 Kaunase Street

Tartu 2400 Estonia

Citizenship Estonia

Post Office Address same

Full name of fourth joint

inventor, if any _____

Fourth Inventor's

Signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____

Full name of fifth joint

inventor, if any _____

Fifth Inventor's

Signature _____ Date _____

Residence _____

Citizenship _____

Post Office Address _____